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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Ernst Eberlein et al.

Serial No.: Not Assigned

Filed: Herewith

For: Frame Structure and Frame Synchronization
for Multicarrier Systems

Group Art Unit:

Examiner:

PRELIMINARY AMENDMENT

Assistant Commissioner for Patents
Washington, D.C. 20231

Sir:

This Preliminary Amendment is being filed concurrently with the U.S. national stage entry under 35 U.S.C. § 371 of International Application No. PCT/EP98/02169, which has an International Filing Date of April 14, 1998. Prior to examination and calculation of the filing fees, please amend the national stage application as follows:

IN THE SPECIFICATION:

Please delete the current specification, comprising pages 1-25 and 37 (as amended in the International Preliminary Examination Report dated February 9, 2000) and replace it with the accompanying substitute specification.

IN THE CLAIMS:

Please cancel claims 1-46 annexed to the International Preliminary Examination Report dated February 9, 2000, and substitute the following new claims 47-92:

47. A method for generating a signal having a frame structure, each frame of said frame structure comprising at least one useful symbol, a guard interval associated to said at least one useful symbol and a reference symbol, said method comprising the step of